



PRODUCT QUICK GUIDE: Q4 2016

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ABOUT INAXSYS

Inaxsys is a manufacturer and reseller specializing in innovative video surveillance technology and solutions comprising of megapixel IP and HDCVI cameras, servers and storage, video management software (VMS) and related network transport systems such as PoE switches, media converters and encoders.

The modern physical security landscape is converging and has become network centric and IP focused to take full advantage of efficiencies that can be used to drive business excellence and safeguard information and assets. This shift in approach has shaped Inaxsys' priority of offering open architecture solutions that take full advantage of investments in information transport systems (ITS) for vertical markets such as education, healthcare, government, financial, commercial and industrial.

Inaxsys is headquartered in Montreal, Canada with distribution in the Americas and Europe. For more information about Inaxsys please visit our website at www.inaxsys.com.



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TABLE OF CONTENTS

About Inaxsys.....	2
Storm VMS and Storm Cloud App.....	4
Storm Product Line	5
4k Ultra-HD Clearview Series Storm IP Cameras.....	6-7
4k Clearview NVR Selection.....	8
4k Raid NVR Selection	9
Truevalue Series Storm IP Cameras	10
Professional Series Storm IP Cameras.....	11-13
Storm IP PTZ Series.....	14-15
All In One Plug & Play NVR's.....	16
1080P Hybrid DVR.....	17
Storm Plug & Play IP Kits.....	18
High-Definition Analog HDCVI Cameras.....	19-20
Storm Plug & Play HDCVI Kits	21
Compact Series HDCVI Tribrid DVR	22
PRO High-Definition HDCVI Tribrid DVR.....	23
Enterprise High-Definition HDCVI Tribrid DVR	24
Accessories	25-29
Accessories HDCVI	30
PoE Unmanaged Switches	31
PoE Managed Switches	32-34
GIGABIT Switches (Non PoE)	35-36
Injectors & Extenders.....	37
SFP (Fiber Optic) Modules.....	38
Video Software	39

STORM VMS

Storm VMS is used to manage and program multiple Storm IP and HDCVI video recorders and acts as a central management system.

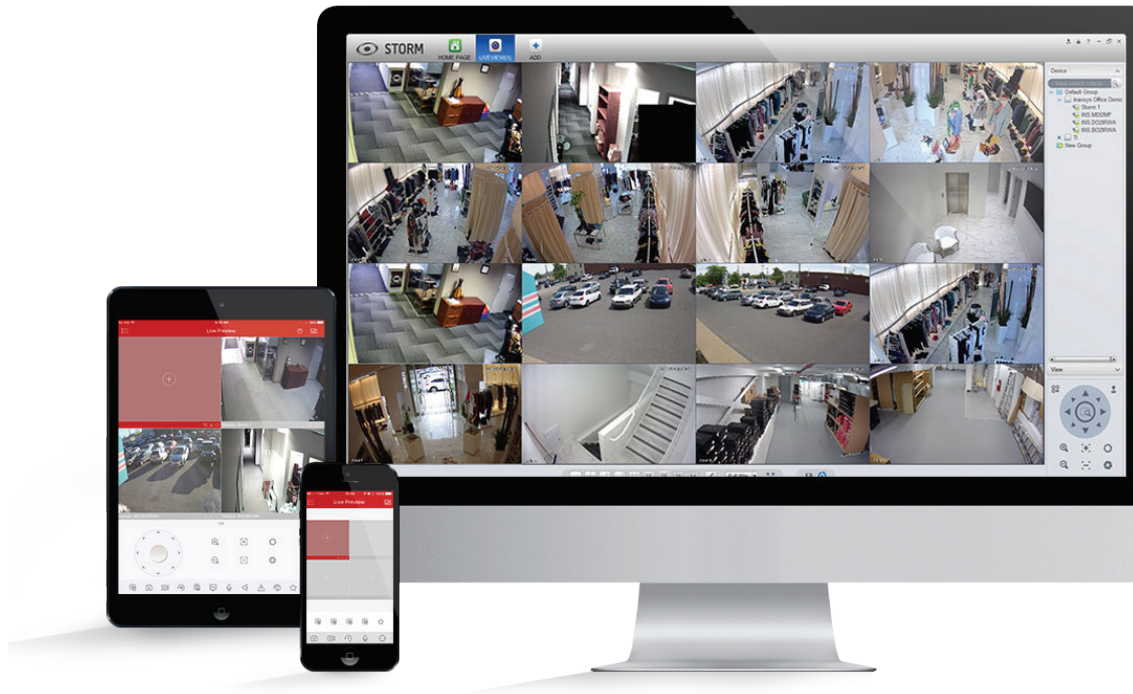
- Visualize real-time video from multiple camera channels.
- Allows playback of video files from multiple cameras.
- Supports Mapping for device location and ease of operation.
- Allows creation of a video wall for custom operator views.

STORM CLOUD APP

Allows you to view your security cameras anywhere in the world. This app uses STORM CLOUD Service from the NVR and DVR, which allows you to connect your system instantly with 3 easy steps. Simply download the app, scan the QR code on the NVR or DVR system and enter your password to start viewing live video from all your installed cameras.

The app allows you to:

- View Live video from multiple cameras on multiple servers
- Playback video saved to the device's local storage
- Record video or snapshots directly to your mobile device
- Remotely control compatible PTZ cameras
- Configure motion triggered push notifications



STORM PRODUCT LINE

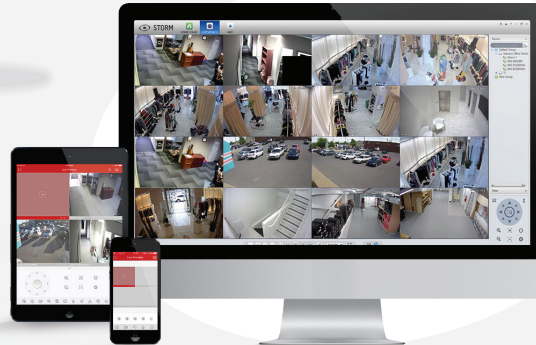
4K

CLEARVIEW IP CAMERAS AND NVR'S



IP

TRUEVALUE & PROFESSIONAL SERIES IP CAMERAS AND NVR'S



HDCVI

HIGH-DEFINITION ANALOG HDCVI CAMERAS AND DVR'S



Model		INSBO4KIRF	INSDO4KIRF	INSDO4KIRA
Image Sensor		1/2.3" 4K progressive scan CMOS	1/2.3" 4K progressive scan CMOS	1/1.7" 4K progressive scan CMOS
Effective Pixels		3840 (H) x 2160(V)	3840 (H) x 2160(V)	4000(H) x 3000(V)
Minimum Illumination		0.1 Lux/F1.6 (color); 0 Lux/F1.6 (IR on)	0.1 Lux/F1.6 (color), 0 Lux/F1.8 (IR on)	0.05 Lux/F1.4 (color) ; 0Lux/F1.4 with IR on
Maximum Length of IR LEDs		30m	20m	50m
Day/Night		Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (Electronic) / Color / B/W
Backlight Compensation		BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR
Privacy Masking		Up to 4 areas	Up to 4 areas	Up to 4 areas
Focal Length / Max. Aperature/ H.Angle		4mm / F1.6/ H: 80°	4mm / F1.6/ H: 80°	4.1mm - 16.4mm / F1.4 / H: 106° - 32°
Focus Control		Fixed autofocus	Fixed autofocus	Motorized/ Auto Iris(DC)
Compression		H.264 / MJPEG	H.264 / MJPEG	H.264/H.264B/H.264H/ MJPEG
Frame Rate	Main Stream	4K (1 - 15 fps) / 3MP / 1080P / 720 P (1 - 25/30 fps)	4K (1-15 fps) / 3MP / 1080P / (1 - 25/30 fps)	12M (1 - 15fps)/ 8M (3840 x 2160) (1 - 25/30fps)
	Sub Stream	D1/CIF (1 - 25/30 fps)	D1/CIF (1 - 25/30 fps)	D1/CIF(1 - 25/30fps)
Bit Rate		H.264: 20K - 16 Mbps	H.264: 20K - 16Mbps	H.264: 32K - 16Mbps
Power Supply		DC12V, PoE (802.3af)	DC12V, PoE (802.3af)	DC12V/AC24V, PoE (802.3at)
Power Consumption		Less than 7.5W	Less than 7W	Less than 24W (with IR on, motorized lens working)
Working Environment		-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH
Vandal Resistance		N/A	1K10	1K10
Dimensions		178.4mm × 70mm x 6 9.9mm	110mm × 81mm	φ159mm× 117.9mm

* STORM 4K series IP cameras are supported by STORM 4K recording servers.



Model		INSD05HEM	INSD06IRHEM	INSD012IRHEM
Image Sensor		1/3" 5 MP progressive scan CMOS	1/1.8" 6 MP progressive scan CMOS	1/2.3" 12 MP progressive scan CMOS
Effective Pixels		2592 (H) x 1944 (V)	3072 (H) x 2048 (V)	4000 (H) x 3000 (V)
Minimum Illumination		0.01 Lux/F2.6 (color); 0.001Lux/F2.6 (B/W)	0.01 Lux/F2.0 (color); 0 Lux/F2.0 (IR on)	0.01 Lux/F2.2 (color); 0 Lux/F2.2 (IR on)
Maximum Length of IR LEDs		N/A	10m	10m
Day/Night		Auto(Electronic)/Color/B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W
Backlight Compensation		BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR
Privacy Masking		Up to 4 areas	Up to 4 areas	Up to 4 areas
Focal Length / Max. Aperture/ H.Angle		1.42mm / F2.6/ H: 185°	1.55mm / F2.0/ H: 185°	1.57mm / F2.2/ H: 185°
Focus Control		Fixed autofocus	Fixed autofocus	Fixed autofocus
Lens Type / Mount Type		Fixed Lens / Board-in Type	Manual	Manual
Frame Rate	Main Stream	5MP (1-12 fps) / UXGA (1 - 25/30 fps)	6MP / (1 - 25/30 fps)	12MP (1 - 15 fps) / 3MP (1 - 25/30 fps)
	Sub Stream	D1/CIF (1 - 25/30 fps)	D1/CIF (1 - 25/30 fps)	D1/CIF (1 - 25/30 fps)
De-warp Mode		N/A	Original, Panoramic, Double panoramic, 1+3, Eptz, 4 pictures	Original, Panoramic, Double panoramic, 1+3, Eptz, 4 pictures
Smart detection		Heatmap	Tripwire, Intrusion, Heatmap	Tripwire, Intrusion, Heatmap
Audio in/out		1/1 channel in/out (Built in mic)	1/1 channel in/out (Built in Mic)	1/1 channel in/out (Built in Mic)
Memory Slot		Micro SD maximum 64GB	Micro SD maximum 64GB	Micro SD maximum 64GB
Alarm		1/1 channel in/out	2/1 channel in/out	2/1 channel in/out
Power Supply / Consumption		DC12V, PoE; Max 6W	DC12V, PoE (802.3af); Less than 11W	DC12V, PoE (802.3af); Less than 13W
Working Environment		-30°C to + 60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH
Ingress Protection		IK10 vandal resistance	IP67; IK10 vandal resistance	IP67; IK10 vandal resistance
Dimensions		110mm × 54mm	150mm × 50.7mm	150mm × 50.7mm

* STORM Hemispheric IP cameras are supported by STORM 4K recording servers. Verify with Inaxsys for maximum number of Hemispheric cameras supported per server.



Model	INS84K (2T to 12T)	INS164K (2T to 12T)	INS324K (4T to 48T)	INS644K (12T to 48T)
IP Camera Inputs	8 channels	16 channels	32 channels	64 channels
Two-way Voice	1 channel Input, 1 channel Output, RCA	1 channel Input, 1 channel Output, RCA	1 channel Input, 1 channel Output, RCA	1 channel Input, 1 channel Output, RCA
Interface	1 HDMI, 1 VGA	2 HDMI, 1 VGA	2 HDMI (up to 3840 × 2160), 1 VGA	2 HDMI (up to 3840 × 2160), 1 VGA
Resolution	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
Display	1 / 4 / 8 / 9	1 / 4 / 8 / 9	The 1st screen: 1 / 4 / 8 / 9 / 16 / 25 / 36; the 2nd screen: 1 / 4 / 8 / 9 / 16	The 1st screen: 1 / 4 / 8 / 9 / 16 / 25 / 36; the 2nd screen: 1 / 4 / 8 / 9 / 16
Recording Mode	Manual, Schedule (Regular/ continuous, MD, alarm), Stop	Manual, Schedule (Regular /continuous, MD, alarm), Stop	Manual, Schedule (regular /continuous, MD (video detection: motion detection, camera obscured, video loss), alarm), Stop	Manual, Schedule (regular /continuous, MD (video detection: motion detection, camera obscured, video loss), alarm), Stop
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured
Alarm Inputs	8 inputs	16 inputs	16 inputs	16 inputs
Audio in/out	1 / 1, 2-way	1 / 1, 2-way	1 / 1, 2-way	1 / 1, 2-way
Relay Outputs	3 outputs	6 outputs	8 outputs , Relay contact (1A at 24VDC), NO/NC programmable, green terminal interface	8 outputs, Relay contact (1A at 24VDC), NO/NC programmable, green terminal interface
Ethernet Ports	8 ports (IEEE802.3at/af) POE. 1 Ethernet 1000 Mbps port	16 ports (IEEE802.3at/af) POE. 1 Ethernet 1000 Mbps port	2 Ethernet ports jointly working or 2 independent 1000 Mbps Ethernet ports	2 Ethernet ports jointly working or 2 independent 1000 Mbps Ethernet ports
Internal HDD	2 SATA 3 ports, up to 12TB	2 SATA 3 ports, up to 12TB	8 SATA 3 ports, up to 48TB	8 SATA 3 ports, up to 48TB
eSATA	N/A	N/A	1 eSATA port	1 eSATA port
Power Supply	Single AC100V-240V, 50-60Hz, NVR: 15.2W (without HDD), PoE: maximum 25.5W for single	NVR: Maximum 26.5W (without HDD); PoE: maximum 25.5W for single port, 150W in total	AC110V-240V, 50-60Hz, less than 40W (without HDD)	AC110V-240V, 50-60Hz, less than 40W (without HDD)
Working Environment	-10°C to +55°C / 10% to 90% RH / 86 to 106 kpa	-10°C to +55°C / 10% to 90% RH / 86 to 106 kpa	-10°C to +55°C / 10% to 90% RH / 86 to 106 kpa	-10°C to +55°C / 10% to 90% RH / 86 to 106 kpa
Dimension / Weight	1U 375mm × 275mm × 56mm / 2.65 kg (without HDD)	1.5U 440mm × 405mm × 76mm / 4.65 kg (without HDD)	482mm × 450mm × 91mm / 9 kg (without HDD)	486mm × 454.9mm × 91mm / 9 kg (without HDD)



Model	INS324KRAID (4T to 48T)	INS644KRAID (4T to 48T)
IP Camera Inputs	32 channels	64 channels
Two-way Voice	1 channel Input, 1 channel Output, RCA	1 channel Input, 1 channel Output, RCA
Interface	2 HDMI (up to 3840 × 2160), 1 VGA	2 HDMI (up to 3840 × 2160), 1 VGA
Resolution	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768	3840 × 2160, 1920 × 1080, 1280 × 1024, 1280 × 720, 1024 × 768
Display	The 1st screen: 1 / 4 / 8 / 9 / 16 / 25 / 36; the 2nd screen: 1 / 4 / 8 / 9 / 16	The 1st screen: 1 / 4 / 8 / 9 / 16 / 25 / 36; the 2nd screen: 1 / 4 / 8 / 9 / 16
Recording Mode	Manual, Schedule (Regular / continuous), MD (video detection: motion detection, camera blank, video loss), alarm), Stop	Manual, Schedule (Regular / continuous), MD (video detection: motion detection, camera blank, video loss), alarm), Stop
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured
Alarm Inputs	16 inputs	16 inputs
Audio in/out	1 / 1, 2-way	1 / 1, 2-way
Relay Outputs	8 outputs, relay contact (1A at 24VDC), NO/NC programmable, green terminal interface	8 outputs, relay contact (1A at 24VDC), NO/NC programmable, green terminal interface
Ethernet Ports	2 Ethernet ports jointly working or 2 independent 1000 Mbps Ethernet ports	2 Ethernet ports jointly working or 2 independent 1000 Mbps Ethernet ports
Internal HDD	8 SATA 3 ports, up to 48TB	8 SATA 3 ports, up to 48TB
HDD Mode	Single, Raid 0 / 1 / 5 / 6 / 10 / 50 / 60 (support global HDD hot-spare)	Single, Raid 0 / 1 / 5 / 6 / 10 / 50 / 60 (support global HDD hot-spare)
eSATA	1 eSATA port	1 eSATA port
Power Supply	AC110V-240V, 50-60Hz, less than 40W (without HDD)	AC110V-240V, 50-60Hz, less than 40W (without HDD)
Working Environment	-10°C to +55°C / 10% to 90% RH / 86 to 106 kpa	-10°C to +55°C / 10% to 90% RH / 86 to 106 kpa
Dimension / Weight	482mm × 450mm × 91mm / 9 kg (without HDD)	486mm × 454.9mm × 91mm / 9 kg (without HDD)



Model		INSBO2IRF	INSEBO2IRF	INSDO2IRF	INSBO3IRF	INSDO3IRF
Image Sensor		1/3" 2 MP progressive scan CMOS	1/3" 2 MP progressive scan CMOS	1/3" 2 MP CMOS	1/3" 3 MP progressive scan CMOS	1/3" 3 MP progressive scan CMOS
Effective Pixels		1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	1920 (H) x 1080 (V)	2048 (H) x 1536 (V)	2048 (H) x 1536 (V)
Minimum Illumination		0.1 Lux/F1.6 (color); 0 Lux/F1.6 (IR on)	0.1 Lux/F1.6 (color); 0 Lux/F1.6 (IR on)	0.1 Lux/F1.8 (color); 0 Lux/F1.8 (IR on)	0.1 Lux / F1.6 (color); 0 Lux/F1.6 (IR on)	0.1 Lux/F1.8 (color); 0 Lux/F1.8 (IR on)
Maximum Length of IR LEDs		30m	30m	30m	30m	30m
Day/Night		Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W
Backlight Compensation		BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC / DWDR
Privacy Masking		Up to 4 areas	Up to 4 areas	Up to 4 areas	Up to 4 areas	Up to 4 areas
Focal Length / Max. Aperture/ H.Angle		3.6mm / F1.6 / H: 89.9°	3.6mm / F1.6 / H: 93°	2.8mm / F1.8 / H: 89.9°	2.8mm / F1.6 / H: 81°	2.8mm / F1.8 / H: 81°
Corridor Mode		Yes	Yes	No	With a 1080P Resolution	With a 1080P Resolution
Focus Control		Fixed prefocus	Fixed prefocus	Fixed prefocus	Fixed prefocus	Fixed prefocus
Lens Type / Mount Type		Fixed / Board-in Type	Fixed / Board-in Type	Fixed	Fixed / Board-in Type	Fixed
Compression		H.264H / H.264B / H.264 / MJPEG	H.264H / H.264B / H.264 / MJPEG	H.264 / H.264B / H.264H / MJPEG	H.264 / MJPEG	H.264 / H.264H / H.264B / MJPEG
Frame Rate	Main Stream	1080P (1 - 25/30 fps)	1080P (1 - 25/30 fps)	1080P / 720P (1 - 25/30 fps)	3MP (1 - 20 fps) 1080P/ 720P (1 - 30 fps)	3MP (1 - 20 fps), 1080P / 720P (1 - 30 fps)
	Sub Stream	D1/CIF (1 - 25/30 fps)	D1/ CIF (1 - 25/30 fps)	D1/CIF (1 - 25/30 fps)	D1/CIF (1 - 30fps)	D1/CIF (1 - 30 fps)
Bit Rate		H.264H: 16K - 8192 Kbps	H.264H: 16K - 8192 Kbps	H.264: 16K - 8192 Kbps	H.264: 16K - 8192 Kbps	H.264: H: 16K - 8192 Kbps
Ethernet		RJ-45 (10/100Base-T)	RJ-45 (10/100Base -T)	RJ-45 (10/100Base -T)	RJ-45 (10/100Base -T)	RJ-45 (10/100Base -T)
Memory Slot		N/A	N/A	N/A	N/A	Maximum 64GB
Power Supply		DC12V, PoE (802.3af)	DC12V, PoE (802.3af)	DC12V, PoE (802.3af)	DC12V, PoE (802.3af)	DC12V, PoE (802.3af)
Power Consumption		Maximum 4W	Less than 5W	Less than 4.5W	Maximum 4W	Less than 4.5W
Working Environment		-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH
Ingress Protection		IP66	IP66	IP66, IK10 vandal resistance	IP66	IP66, IK10 vandal resistance
Dimensions		70mm× 66mm× 155mm	113.6mm x 85.8mm	110mm × 81mm	70mm × 66mm × 160mm	110mm × 81mm



Model		INSWDO2IRWF	INSDO2IRWF	INSWDO4IRWF	INSDO4IRWF	INSDO2IRV
Image Sensor		1/2.7" 2 MP progressive scan CMOS	1/2.7" 2 MP progressive scan CMOS	1/3" 4 MP progressive scan CMOS	1/3" 4 MP progressive scan CMOS	1/3" 2 MP progressive scan CMOS
Effective Pixels		1920(H) x 1080(V)	1920(H) x 1080(V)	2688 (H) x 1520 (V)	2688 (H) x 1520 (V)	1920(H) x 1080(V)
Minimum Illumination		0.01 Lux/F2.0 (color); 0 Lux/F2.0 (IR on)	0.01 Lux/F2.0 (color), 0 Lux/F2.0 (IR on)	0.01 Lux/F2.0 (color); 0 Lux/F2.0 (IR on)	0.01 Lux/F2.0 (color); 0 Lux/F2.0 (IR on)	0.01 Lux/F1.4 (color); 0 Lux/F1.4 (IR on)
Maximum Length of IR LEDs		20m	30m	20m	30m	20m
Day/Night		Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W
Backlight Compensation		BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)
Focal Length / Max. Aperture/ H.Angle		2.8mm / F2.0/ H: 93°	2.8mm / F2.0/ H: (93°/120°/63°)	2.8mm / F1.8/ H: 84°	2.8mm / F2.0/ H: (84°/106°/56°)	2.7mm-12mm varifocal / F1.4 / H: 82°-28°
Corridor Mode		Yes	Yes	With a 1080P Resolution	With a 1080P Resolution	No
Lens Type / Mount Type		Fixed lens	Fixed lens	Fixed lens	Fixed lens	Manual varifocal / Fixed Iris
Audio in/out		1/1 channel in/out	N/A	1/1 channel in/out	N/A	N/A
Compression		H.264 / H.264H / H.264B / MJPEG	H.264 / H.264B / H.264H / MJPEG	H.264 / H.264H / H.264B / MJPEG	H.264 / H.264H / H.264B / MJPEG	H.264 / H.264H / H.264B / MJPEG
Frame Rate	Main Stream	1080P / 720P (1 - 25/30 fps)	1080P / 720P (1 - 25/30 fps)	4MP (1 - 20 fps) / 3MP (1 - 25/30 fps)	4MP (1 - 20 fps) / 3MP (1 - 25/30 fps)	1080P / 720P (1 - 25/30 fps)
	Sub Stream	D1/CIF (1 - 25/30 fps)	D1/ CIF (1 - 25/30 fps)	D1/CIF (1 - 25/30 fps)	D1/CIF (1 - 25/30 fps)	D1/CIF (1 - 25/30 fps)
	Third Stream	720P (1 - 13/4 fps)	720P (1 - 13/4 fps)	720P (1 - 20 fps)	720P (1 - 20 fps)	N/A
Bit Rate		H.264: 32K - 10 Mbps	H.264: 32Kbps - 10 Mbps	H.264: 32K - 10 Mbps	H.264: 32 Kbps - 10 Mbps	H.264: 40K - 8192 Kbps
Smart Detection		Tripwire , intrusion, abandoned/missing, scene change, audio detection, face detection	Tripwire , intrusion, abandoned/missing, scene change, audio detection, face detection	Tripwire , intrusion, abandoned/missing, scene change, audio detection, face detection	Tripwire , intrusion, abandoned/missing, scene change, audio detection, face detection	N/A
Ethernet		RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base-T)	RJ-45 (10/100 Base -T)
Memory Slot		Micro SD maximum 128GB	N/A	Micro SD maximum 128GB	N/A	Micro SD maximum 64GB
Alarm		1/1 channel in/out	N/A	1/1 channel in/out	N/A	N/A
Power Supply / Consumption		DC12V, PoE (802.3af); Less than 5W	DC12V, PoE (802.3af); Less than 4W	DC12V, PoE (802.3af); Less than 5W	DC12V, PoE (802.3af); Maximum 4W	DC12V, PoE (802.3af); Less than 4W
Ingress Protection		IP67; IK10 vandal resistance	IP67; IK10 vandal resistance	IP67; IK10 vandal resistance	IP67; IK10 vandal resistance	IP66; IK10 vandal resistance
Dimensions		106mm x 50.3mm	110mm x 81mm	106mm x 50.3mm	110mm x 81mm	122mm x 89mm



Model	INSO3IRV	INSO2IRWA	INSBO2IRWA	INSO3IRA	INSO2PTZ4X	INSO2IRSDA
Image Sensor	1/3" 3 MP progressive scan CMOS	1/3" 2 MP progressive scan CMOS	1/3" 2 MP progressive scan CMOS	1/3" 3 MP progressive scan CMOS	1/2.7" 2 MP progressive scan CMOS	1/2.7" 2 MP progressive scan CMOS
Effective Pixels	2048(H) x 1536(V)	1920(H) x 1080(V)	1920(H) x 1080(V)	2048(H) x 1536 (V)	1920(H) x 1080(V)	1920(H) x 1080(V)
Minimum Illumination	0.01 Lux/F1.4 (color); 0 Lux/F1.4 (IR on)	0.01 Lux/F1.4 (color); 0 Lux/F1.4 (IR on)	0.01 Lux/F1.4 (color); 0 Lux/F1.4 (IR on)	0.01 Lux/F1.4 (color), 0 Lux/F1.4 (IR on)	0.05 Lux/F1.6 (color); 0.005 Lux/F1.6 (B /W)	0.01 Lux/F1.4 (color); 0 Lux /F1.4 (IR on)
Maximum Length of IR LEDs	30m	20m	30m	30m	N/A	N/A
Day/Night	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR	BLC / HLC / WDR (120dB)	BLC / HLC / WDR (120dB)	BLC / HLC / DWDR	BLC / HLC / DWDR	BLC / HLC /WDR (120dB)
Privacy Masking	Up to 4 areas	Up to 4 areas	Up to 4 areas	Up to 4 areas	Up to 24 areas	Up to 4 areas
Focal Length / Max. Aperture / H.Angle	2.7mm-12mm varifocal / F1.4 / H: 92° - 28°	2.7mm-12mm autofocus / F1.4 / H: 82° - 28°	2.7mm-12mm autofocus / F1.4 / H: 78° - 28°	2.7mm-12mm autofocus / F1.4 / H: 92° - 28°	2.7mm - 11mm (4x optical zoom) / F1.6 - F2.8 / H: 112.5° - 39°	2.7mm - 12mm / F1.4 / H: 99° - 34°
Corridor Mode	With a 1080P Resolution	No	No	No	N/A	Yes
Focus Control	Varifocal	Auto	Auto	Auto	Auto / Manual	Motorized
Lens Type / Mount Type	Manual varifocal / Fixed Iris	Motorized / Fixed Iris	Motorized / Fixed Iris / Board-in Type	Motorized / Fixed Iris / Board-in Type	Motorized PTZ	Motorized/ Auto Iris (DC)
Pan / Tilt Range	N/A	N/A	N/A	N/A	Pan: 0° - 355°; Tilt: 0° - 90°, auto flip 180°	N/A
Audio in/out	N/A	N/A	N/A	N/A	N/A	1 / 1
Manual Control Speed	N/A	N/A	N/A	N/A	Pan: 0.1° - 100°/s; Tilt: 0.1° - 60°/s	N/A
Preset Speed	N/A	N/A	N/A	N/A	Pan: 100°/s; Tilt: 60°/s	N/A
Ethernet	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)
Memory Slot	N/A	Micro SD, Maximum 128GB	Micro SD, Maximum 64GB	N/A	Micro SD, Maximum 64GB	Micro SD, Maximum 128GB
Smart Detection	N/A	N/A	N/A	N/A	N/A	Tripwire, intrusion, abandoned, missing, face detection
Power Supply / Consumption	DC12V, PoE (802.3af); Less than 4.5W	DC12V, PoE (802.3af); Less than 7.5W	DC12V, PoE (802.3af); Maximum 7.5W	DC12V, PoE (802.3af); Less than 8.5W	DC12V, PoE; 10 W	DC12V(AC24V optional), PoE (802.3af); Maximum 10W (with IR on, motorized lens working)
Working Environment	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 95% RH	-30°C to +60°C and less than 90% RH	-30°C to +60°C and less than 95% RH
Ingress Protection	IP66; IK10 vandal resistance	IP66; IK10 Vandal resistance	IP66	IP66; IK10 vandal resistance	IP66; IK10 vandal resistance	IP67, IK10 vandal resistance



Model	INSDO4IRWA	INSB02IR30X
Image Sensor	1/3" 4 MP progressive scan CMOS	1/2.8" 2 MP progressive scan CMOS
Effective Pixels	2688(H) x 1520(V)	1944(H) x 1092(V)
Minimum Illumination	0.01 Lux/F1.4 (color); 0 Lux/F1.4 (IR on)	B/W: 0.005 Lux/F1.6
Maximum Length of IR LEDs	50m	N/A
Day/Night	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120dB)	BLC / HLC / DWDR
Privacy Masking	Up to 4 areas	Up to 24 areas
Focal Length / Max. Aperture / H.Angle	2.7mm-12mm autofocus / F1.4 / H: 100°- 33°	4.3mm-129mm (30x optical zoom) / F1.6 - F5 / H: 65.1°- 2.3°
Corridor Mode	With a 1080P Resolution	N/A
Focus Control	Auto	Auto / Manual
Audio in/out	1 / 1	1 / 1
Lens Type / Mount Type	Motorized / Auto Iris (DC)	N/A
Pan / Tilt Range	N/A	N/A
Manual Control Speed	N/A	N/A
Ethernet	RJ-45 (10/100Base-T)	RJ-45 (10/100Base-T)
Memory Slot	Micro SD, Maximum 128GB	Micro SD, Maximum 64GB
Alarm	1/1 channel In/Out	2/1 channel In/Out
Power Supply / Consumption	DC12V (AC24V optional), PoE (802.3af)	AC24V/ DC12V optional; <50W
Working Environment	-40°C to +60°C and less than 95% RH	-40°C - +70°C and less than 90% RH
Ingress Protection	IP67; IK10 vandal resistance	IP66
Dimensions	159mm x 117.9mm	404mm x 164mm x 132mm



Model	INSO2PTZ30X
Image Sensor	1/2.8" 2 MP CMOS
Effective Pixels	1944 (H) x 1092 (V)
Minimum Illumination	0.05 Lux/F1.6 (color); 0.005 Lux/F1.6 (B / W)
Maximum Length of IR LEDs	N/A
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Focal Length / Max. Aperture / H.Angle	4.3mm - 129mm (30x optical zoom) / F1.6 - F4.7/ H: 65.1°-2.34°
Focus Control	Auto / Manual
Lens Type / Mount Type	N/A
Pan / Tilt Range	Pan: 0° - 360°; Tilt: 0.1° - 250°
Manual Control Speed	Pan: 0.1° - 300°/s; Tilt: 0.1° - 250°/s
Preset Speed	Pan: 400°/s; Tilt: 300°/s
Presets	80 or 255 (Pelco-P/D)
PTZ Mode	5 patterns, 8 tours, auto panoramic, auto scan
Speed Setup	User defined speed adjustment
Power up Action	Auto restore to previous PTZ and lens status after power failure

Idle Motion	Active Preset / Pan / Scan / Tour / Pattern (if there is no command in the specified period)	
Time Task	Auto activation of Preset / Pan / Scan / Tour / Pattern by preset-time	
Frame Rate	Main Stream	1080P (1 - 25/30fps) / 720P (1 - 5 0/60fps)
	Sub Stream	D1 / CIF (1 - 25/30fps)
Smart Detection	Tripwire, intrusion, cross-warning zone, perimeter protection, loitering, abandoned object, missing object, illegal parking, fast moving	
Audio in/out	1/1 channel in/out	
Auto Tracking	Single-scene, multiple-scene, panorama-scene	
Tracking Trigger Mode	Manual / Auto (alarm triggered)	
Tracking Trigger Event	Targeting, Zoom, Tracking, Recording, Snapshot, Alarm, etc.	
Memory Slot	Micro SD maximum 64GB	
Alarm	7/2 channel in/out	
Power Supply / Consumption	AC 24V/3A (±10 %) (included), 20W, 45W (Heater on)	
Working Environment	-40°C to +60°C and less than 90% RH	
Ingress Protection	IP67; IK10 Vandal Resistance	
Dimensions	222mm × 322mm	



Model	INSO2PTZIR30X
Image Sensor	1/1.9" 2 MP CMOS
Effective Pixels	1944 (H) x 1092 (V)
Minimum Illumination	0.05 Lux/F1.6 (color); 0.005 Lux/F1.6 (B/W); 0 Lux (IR on)
Maximum Length of IR LEDs	200 mm
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / WDR (120db)
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Focal Length / Max. Aperture / H.Angle	6mm-180mm (30x optical zoom) / F1.6 - F4.8 / H: 61.2°-2.32°
Focus Control	Auto / Manual
Lens Type / Mount Type	N/A
Pan / Tilt Range	Pan: 0° - 360° endless; Tilt: -10° - 90°, auto flip 180°
Manual Control Speed	Pan: 0.1° - 240° /s; Tilt: 0.1° - 120° /s
Preset Speed	Pan: 240° /s; Tilt: 200° /s
Presets	300
PTZ Mode	5 patterns, 8 tours, auto panoramic, auto scan
Speed Setup	Human-oriented focal length/ speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure

Idle Motion		Active Preset / Pan / Scan / Tour / Pattern (if there is no command in the specified period)
Time Task		Auto activation or Preset / Pan / Scan / Tour / Pattern by preset-time
Frame Rate	Main Stream	1080P/ D1 (1 - 25/30fps), 720P (1-50/60fps)
	Sub Stream	D1 / CIF (1 - 25/30fps)
Smart Detection		Tripwire, intrusion, cross-warning zone, perimeter protection, loitering, abandoned object, missing object, illegal parking, fast moving
Audio in/out		1/1 channel in/out
Auto Tracking		Single-scene, multi- ple-scene, panoramic-scene
Tracking Trigger Mode		Manual / Auto (alarm trig- gered)
Tracking Trigger Event		Targeting, Zoom, Tracking, Recording, Snapshot, Alarm, etc.
Memory Slot		Micro SD maximum 64GB
Alarm		7/2 input/output
Power Supply / Consumption		AC24V/3A (±25%) (included); Hi - POE (60W)
Working Environment		-40°C to +70°C and less than 90% RH
Ingress Protection		IP67; IK10
Dimensions		240mm × 382mm



Model	INS44NVR (1T to 6T)	INS88NVR (1T to 6T)	INS1616NVR (4T to 24T)	INS3216NVR (4T to 24T)
IP Camera Inputs	4 channels	8 channels	16 channels	32 channels
Interface	1 HDMI, 1 VGA	1 HDMI, 1 VGA	1 HDMI, 1 VGA, 1 TV	1 HDMI, 1 VGA, 1 TV
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	1920×1080, 1280×1024, 1280×720, 1024×768	1920×1080, 1280×1024, 1280×720, 1024×768	1920×1080, 1280×1024, 1280×720, 1024×768
Display	1 / 4	1 / 4 / 8 / 9	1 / 4 / 8 / 9 / 16	1 / 4 / 8 / 9 / 16
Alarm Inputs	2 inputs	2 inputs	16 channels	16 channels
Relay Outputs	2 outputs	2 outputs	4 channels	4 channels
Audio in/out	1 / 1, 2-way	1 / 1, 2-way	1 / 1, 2-way	1 / 1, 2-way
PoE	4 ports (IEEE802.3at) - maximum 25.5W per port	8 ports (IEEE802.3af /at) - maximum 120W, maximum 15.4W per port	16 ports (IEEE802.3at/af) - maximum 150W, maximum 15.4W per port	16 ports (IEEE802.3at/af) - maximum 150W; maximum 15.4W per port
Internal HDD	1 SATA port, up to 6TB	1 SATA port, up to 6TB	4 SATA ports, up to 24TB	4 SATA ports, up to 24TB
Power Supply	Single, DC 48V/1.5A	Single, DC 48V/2A	AC 100V-240V, 50/60HZ	AC 100V-240V, 50/60HZ
Power Consumption	NVR: 10W (without HDD) PoE: Maximum 25.5W for a single port	NVR: 10W (without HDD) PoE: Maximum 15.4W (for one port)	NVR: 40W (without HDD) PoE: Maximum 15.4W (for one port)	NVR: 40W (without HDD) PoE: Maximum 15.4W (for one port)
Working Environment	-10°C to +55°C / 10%-90%RH / 86-106 kpa	-10°C to +55°C / 10%-90%RH / 86-106 kpa	-10°C to +55°C / 10%-90%RH / 86-106 kpa	-10°C to +55°C / 10%-90%RH / 86-106 kpa
Dimension (W×D×H)	Mini 1 U, 325mm × 240 mm × 45 mm	Mini 1 U, 325mm × 240 mm × 45 mm	1.5U, 440mm × 410 mm × 70 mm	1.5U, 440mm × 410 mm × 70 mm





Model	INS2U7816S (4T to 48T)
IP Video Inputs	16 channels or more if analog are unused
Analog Inputs	16 inputs, BNC
Analog Video Standard	NTSC (525 Line, 60f/s), PAL (625 Line, 50f/s)
Loop Outputs	16 outputs BNC
Audio Inputs	16 inputs BNC
Audio Outputs	1 outputs, BNC
Interface	2 HDMI, 1 VGA, 1 TV, 1 Spot, BNC
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Recording Rate Analog	All channel@960H (25/30fps)
Bit Rate	IP: 48-8192 Kb/s, Analog: 48-3072Kb/s
Recording Mode	Manual, Scheduled (Regular (Continuous), MD, Alarm), Stop
Recording Interval	1-120 min. (default: 60 min.), Pre-record: 1-30 sec., Post-record: 10-300 sec.
Alarm Inputs	16 channels
Relay Outputs	6 channels
Audio in/out	16 / 1, 2-way
Ethernet	2 RJ-45 ports (10/100M/1000M)
Internal HDD	8 SATA ports (8HDDs or 6HDDs+1CD/DVD-RW), up to 48TB
Power Supply	AC 100-240 V, 50/60 Hz
Power Consumption	40W
Operating Environment	-10°C to +55°C / 10%-90%R H / 86-106 kpa
Dimension (W×D×H)	2U, 440mm × 460mm × 89mm

1080P HYBRID DVR

STORM PLUG & PLAY IP KITS

INS44NVR1TBE



Kit Includes:
1 x 4 channel 1TB NVR
4 x 2.1 MP Eyeball Cameras

INS88NVR2TBE



Kit Includes:
1 x 8 channel 2TB NVR
4 x 2.1 MP Eyeball Cameras

INS168NVR2TBE



Kit Includes:
1 x 16 channel 2TB NVR
4 x 2.1 MP Eyeball Cameras

INS1688N2TE



Kit Includes:
1 x 16 channel 2TB NVR
8 x 2.1 MP Eyeball Cameras

INS44NVR1TBB



Kit Includes:
1 x 4 channel 1TB NVR
4 x 2.1 MP Bullet Cameras

INS88NVR2TBB



Kit Includes:
1 x 8 channel 2TB NVR
4 x 2.1 MP Bullet Cameras

INS168NVR2TBB



Kit Includes:
1 x 16 channel 2TB NVR
4 x 2.1 MP Bullet Cameras

INS1688N2TB



Kit Includes:
1 x 16 channel 2TB NVR
8 x 2.1 MP Bullet Cameras

INS44NVR1TBEB



Kit Includes:
1 x 4 channel 1TB NVR
2 x 2.1 MP Eyeball Cameras
2 x 2.1 MP Bullet Cameras

INS88NVR2TBEB



Kit Includes:
1 x 8 channel 2TB NVR
2 x 2.1 MP Eyeball Cameras
2 x 2.1 MP Bullet Cameras

INS168NVR2TBEB



Kit Includes:
1 x 16 channel 2TB NVR
2 x 2.1 MP Eyeball Cameras
2 x 2.1 MP Bullet Cameras

INS1688N2TEB



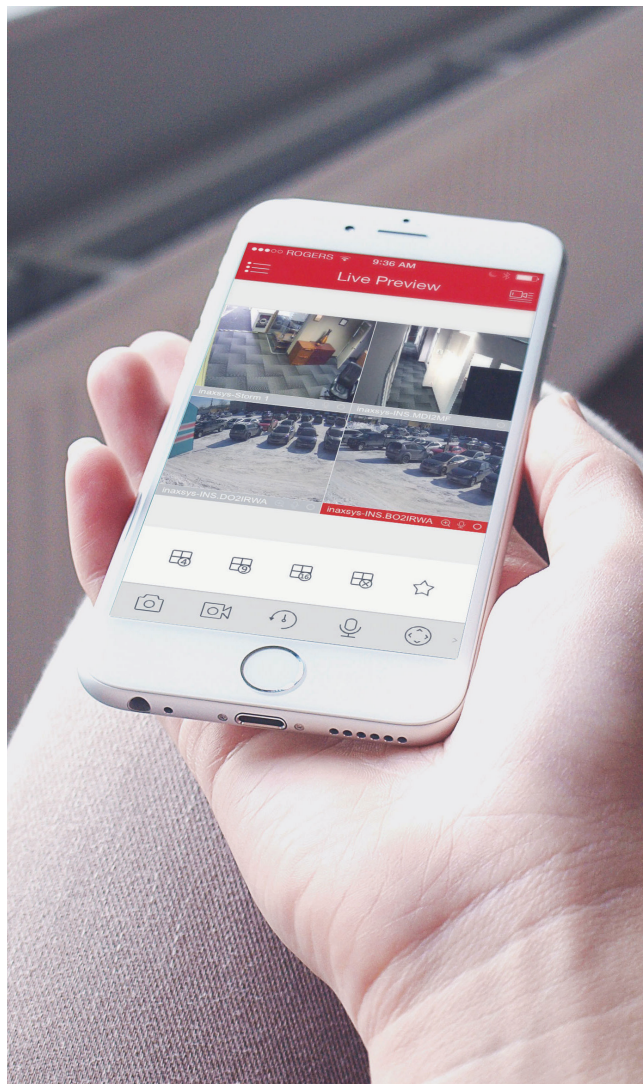
Kit Includes:
1 x 16 channel 2TB NVR
4 x 2.1 MP Eyeball Cameras
4 x 2.1 MP Bullet Cameras



Model	INSBO1IRCF	INSEB01IRCF	INSDO1IRCF	INSDO1IRCV	INSDO2IRCV	INSEB024IRCF	INSBO24IRCF	INSDO24IRCF	INSBO24IRCA	INSDO24IRCA
Image Sensor	1/2.9" 1 MP CMOS	1/2.9" 1 MP CMOS	1/2.9" 1 MP CMOS	1/2.9" 1 MP CMOS	1/2.7" 2 MP CMOS	1/2.8" 2.4 MP CMOS	1/2.8" 2.4 MP CMOS	1/2.8" 2.4 MP CMOS	1/2.8" 2.4 MP CMOS	1/2.8" 2.4 MP CMOS
Effective Pixels	1280(H) × 720(V)	1280(H) × 720(V)	1280(H) × 720(V)	1280(H) × 720(V)	1930(H) × 1088(V)	1984(H) × 1225(V)	1984(H) × 1225(V)	1984(H) × 1225(V)	1984(H) × 1225(V)	1984(H) × 1225(V)
Minimum Illumination	0.05 Lux at F1.6 (AGC ON), 0 Lux IR on	0.05 Lux at F1.6 (AGC ON), 0 Lux IR on	0.01 Lux at F1.2 (AGC ON), 0 Lux IR on	0.01 Lux at F1.2 (AGC ON), 0 Lux IR on	0.01 Lux at F1.2 (AGC ON), 0 Lux IR on	0.05 Lux at F1.2 (AGC ON), 0 Lux IR on	0.05 Lux at F1.2 (AGC ON), 0 Lux IR on	0.01 Lux at F1.2 (AGC ON), 0 Lux IR on	0.05 Lux at F1.2 (AGC ON), 0 Lux IR on	0.05 Lux at F1.2 (AGC ON), 0 Lux IR on
Video Output	1 channel BNC HDCVI high definition video output	1 channel BNC HDCVI high definition video output	1 channel BNC HDCVI high definition video output	1 channel BNC HDCVI high definition video output	1 channel BNC HDCVI high definition video output	1 channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)	1 channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)	1 channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)	1 channel BNC HDCVI high definition video output / CVBS standard definition video output (Can switch)	1 channel BNC HDCVI high definition video output / CVBS standard definition video output (Can be switched)
Maximum length of IR LEDs	30m, Smart IR	30m, Smart IR	20m, Smart IR	30m, Smart IR	30m, Smart IR	30m, Smart IR	30m, Smart IR	30m, Smart IR	30m, Smart IR	30m, Smart IR
Day/Night	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W	Auto (ICR) / Color / B/W
Focal Length	2.8mm	2.8mm	3.6mm	2.7-12mm	2.7-12mm	3.6mm fixed	3.6mm fixed	3.6mm	2.7-12mm	2.7-12mm
Lens Type / H.Angle	Fixed Iris / H: 98°	Fixed Iris / H: 98°	Fixed Iris / H: 93°- 35°	Manual / Fixed Iris / H: 93°- 35°	Manual / Fixed Iris / H: 99°- 37°	Fixed Iris / H: 99°- 37°	Fixed Iris / H: 55°	Fixed Iris / H: 88°	Motorized / Autofocus / H: 99°- 34°	Motorized / Autofocus / H: 99°- 34°
Power Supply	DC12V±25%	DC12V±25%	DC12V±10%	DC12V±10%	DC12V±20%	DC 12V±10%	DC 12V±10%	DC 12V±10%	DC12V±10%	DC12V±10%
Power Consumption	Maximum 3.5W	Maximum 2.5W	Maximum 2.5W	Maximum 3.2W	Maximum 4.1W	Maximum 3.5W	Maximum 4.8W	Maximum 3.5W	Maximum 7.5W	Maximum 8.6W
Working Environment	-30°C-to 60°C and less than 95%RH (no condensation)	-30°C-to 60°C and less than 95%RH (no condensation)	-30°C-to 60°C and less than 95%RH (no condensation)	-30°C-to 60°C and less than 95%RH (no condensation)	-30°C-to 60°C and less than 95%RH (no condensation)	-30°C to +60°C and less than 95% RH (no condensation)	-30°C to +60°C and less than 95% RH (no condensation)	-30°C to +60°C and less than 95% RH (no condensation)	-30°C to +60°C and less than 95% RH (no condensation)	-30°C to +60°C and less than 95% RH (no condensation)
Transmission Distance	Over 800m via 75-3 coaxial cable	Over 800m via 75-3 coaxial cable	Over 500m via 75-3 coaxial cable	Over 800m via 75-3 coaxial cable	Over 500m via 75-3 coaxial cable	Over 500m via 75-3 coaxial cable	Over 500m via 75-3 coaxial cable	Over 500m via 75-3 coaxial cable	Over 500m via 75-3 coaxial cable	Over 500m via 75-3 coaxial cable
Ingress Protection	IP67	IP67	IP66 & IK10	IP67 & IK10	IP67 & IK10	IP67	IP67	IP67 & IK10	IP67	IP67 & IK10
Dimensions	70mm × 165mm	93.4mm × 79.7mm	110mm × 81.0mm	122mm × 89mm	122mm × 89mm	94.0mm × 79.5mm	65mm × 154.7mm	109.9mm × 81.0mm	213mm × 80mm × 72mm	122mm×89mm

HDCVI

HIGH-DEFINITION ANALOG HDCVI CAMERAS



Model	INSO2IRCPTZ
Image Sensor	1/2.8" 2 MP CMOS
Effective Pixels	1920(H) x 1080(V)
Scanning System	Progressive
Electronic Shutter Speed	1/1 - 1/ 30,000s
Minimum Illumination	Color: 0.05 Lux at F1.4; B/W: 0.005 Lux at F1.4
S/N Ratio	0.05 Lux at F1.4 (color); B/W: 0.005 Lux at F1.4
Resolution	25/30fps at 1080P, 25/30/50/60fps at 720P
Video Output	1 channel BNC HDCVI high definition video output
Day/Night	Auto (ICR) / Color / B/W
Backlight Compensation	BLC / HLC / DWDR (Digital WDR)
White Balance	Auto, ATW, Indoor, Outdoor, Manual
Gain Control	Auto / Manual
Noise Reduction	2D/3D
Privacy Masking	Up to 24 areas
Digital Zoom	16x
Focal Length	4.7mm-94mm (20x optical zoom)
Maximum Aperture	F1.4- F2.6
Focus Control	Auto / Manual
Viewing Angle	H: 54.1° - 3.2°
Close Focus Distance	100mm - 1000mm
Pan/Tilt Range	Pan: 0° - 360° endless ; Tilt: -15° - 90°, auto ip 180°
Manual Control Speed	Pan: 0.1° -160° /s ; Tilt: 0.1° - 60° /s
Preset Speed	Pan: 240° /s ; Tilt: 200° /s

Preset	300
PTZ Mode	5 Pattern, 8 Tour, Auto Pan, Auto Scan
Speed Setup	Human-oriented focal length/speed adaptation
Power up Action	Auto restore to previous PTZ and lens status after power failure
Idle Motion	Activate Preset / Pan / Scan / Tour / Pattern if there is no command in the specified period
IR Distance	100m
Protocol	DH-SD, Pelco-P/D (Auto recognition)
RS485	1
Audio in	1
Power Supply	AC24V /1.5A included
Power Consumption	15W, 24W (IR on, Heater on)
Working Environment	-40°C to 60°C and less than 90% RH
Ingress Protection	IP66
Dimensions	202.0mm x 325.0mm
Weight	4.0kg

STORM PLUG & PLAY HDCVI KITS

INSK44CV1TE



Kit Includes:
1 x 4 channel 1TB DVR
4 x 1 MP Eyeball Cameras

INSK44CV1TB



Kit Includes:
1 x 4 channel 1TB DVR
4 x 1 MP Bullet Cameras

INSK44CV1TEB



Kit Includes:
1 x 4 channel 1TB DVR
2 x 1 MP Eyeball Cameras
2 x 1 MP Bullet Cameras

INSK84CV1TE



Kit Includes:
1 x 8 channel 1TB DVR
4 x 1 MP Eyeball Cameras

INSK84CV1TB



Kit Includes:
1 x 8 channel 1TB DVR
4 x 1 MP Bullet Cameras

INSK84CV1TEB



Kit Includes:
1 x 8 channel 1TB DVR
2 x 1 MP Eyeball Cameras
2 x 1 MP Bullet Cameras

INSK168CV2TE



Kit Includes:
1 x 16 channel 2TB DVR
8 x 1 MP Eyeball Cameras

INSK168CV2TB

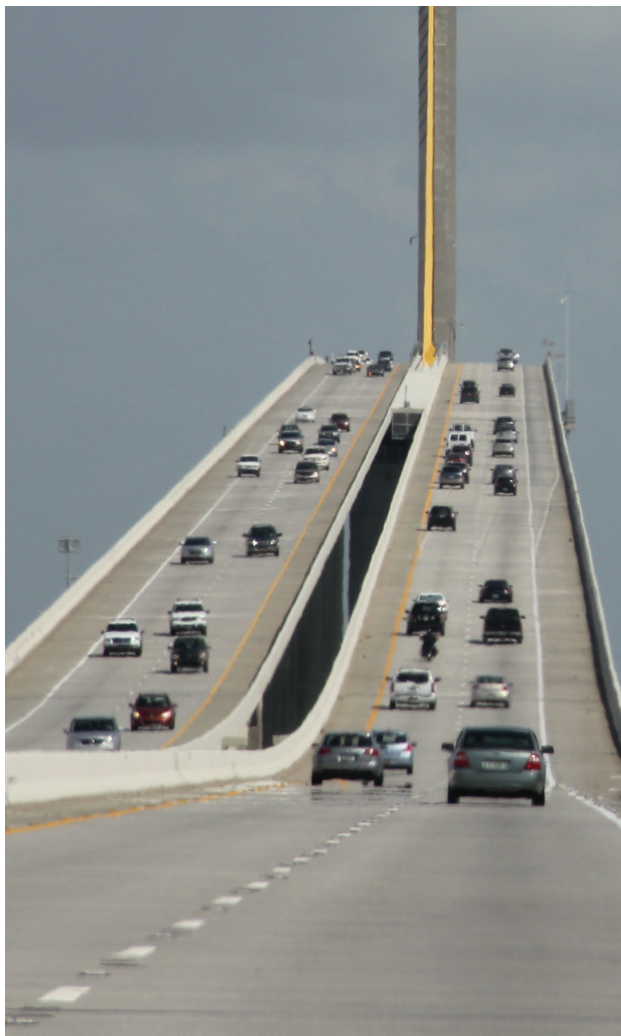


Kit Includes:
1 x 16 channel 2TB DVR
8 x 1 MP Bullet Cameras

INSK168CV2TEB



Kit Includes:
1 x 16 channel 2TB DVR
4 x 1 MP Eyeball Cameras
4 x 1 MP Bullet Cameras



Model	INS4CCVI (1T to 6T)	INS8CCVI (1T to 6T)
Video Inputs	4 channels, BNC	8 channels, BNC
Analog Inputs	4 inputs	8 inputs
HDCVI	1080P/720P HDCVI cameras	1080P/720P HDCVI cameras
IP	Supports 2 channels 1080P/720P IP cameras maximum	Supports 2 channels 1080P/720P IP cameras maximum
Audio Inputs	1 input	1 input
Audio Outputs	1 output	1 output
Interface	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	1920×1080, 1280×1024, 1280×720, 1024×768
Display	1 / 4	1 / 4 / 8 / 9
Privacy Masking	4 rectangular zones (each camera)	4 rectangular zones (each camera)
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Blank	Motion Detection M D Zones: 396 (22×18), Video Loss & Camera Blank
Alarm Inputs	N/A	N/A
Relay Outputs	N/A	N/A
Audio in/out	1 / 1, 2-way	1 / 1, 2-way
Ethernet	RJ-45 port (10/100M)	RJ-45 port (10/100M/1000M)
Internal HDD	1 SATA port, up to 4TB	1 SATA port, up to 4TB
Power Supply	DC12V/2A	DC12V/3A
Power Consumption	10W (without HDD)	10W (without HDD)
Operating Environment	-10°C to +55°C / 10%-90%RH / 86-106kpa	-10°C to +55°C / 10%-90%RH / 86-106kpa
Dimensions (W x D x H)	205mm × 205mm × 40mm	205mm × 205mm × 40mm



Model	INS8CVI (1T to 6T)	INS16CVI (1T to 6T)
Video Inputs	8 channels, BNC	16 channels, BNC
Analog Inputs	NTCS / PAL	NTCS / PAL
HDCVI	1080P/720P HDCVI cameras	1080P/720P HDCVI cameras
IP	Supports 2 channels 1080P/720P IP cameras maximum	Supports 2 channels 1080P/720P IP cameras maximum
Audio Inputs	4 inputs, RCA	4 inputs, RCA
Audio Outputs	1 outputs, RCA	1 outputs, RCA
Interface	1 HDMI, 1 VGA	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768	1920×1080, 1280×1024, 1280×720, 1024×768
Display	1 / 4 / 8 / 9	1 / 4 / 8 / 9 / 16
Privacy Masking	4 rectangular zones (each camera)	4 rectangular zones (each camera)
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Blank	Motion Detection M D Zones: 396 (22×18), Video Loss & Camera Blank
Alarm Inputs	8 inputs	16 inputs
Audio in/out	2-way	2-way
Relay Outputs	3 outputs	3 outputs
Ethernet	RJ-45 port (10/100M)	RJ-45 port (10/100M/1000M)
Internal HDD	1 SATA port, up to 6TB	1 SATA port, up to 6TB
Power Supply	DC12V/2A	DC12V/3A
Power Consumption	10W (without HDD)	10W (without HDD)
Operating Environment	-10°C to +55°C / 10%-90%RH / 86-106kpa	-10°C to +55°C / 10%-90%RH / 86-106kpa
Dimensions (W x D x H)	Mini 1U, 325mm × 255mm × 55mm	Mini 1U, 325mm × 255mm × 55mm



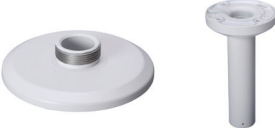
Model	INS168CVI (4T to 48T)	INS324CVI (4T to 24T)	INS328CVI (28T to 48T)
IP Camera Inputs	16 channels	32 channels, BNC	32 channels, BNC
Video Standard	HDCVI: 1080P / 720P HDCVI Cameras; Analog: NTSC / PAL; IP: All channels support 1080P / 720P IP Cameras	HDCVI: 1080P / 720P HDCVI Cameras; Analog: NTSC / PAL; IP: All channels support 1080P / 720P IP Cameras	HDCVI: 720P HDCVI Cameras; IP: All channels support 1080P / 720P IP Cameras
Audio Inputs	16 inputs BNC	32 inputs BNC	32 inputs BNC
Audio Outputs	1 outputs BNC	1 outputs BNC	1 outputs BNC
Interface	2 HDMI, 1 VGA, 1 TV	2 HDMI, 1 VGA, 1 TV	2 HDMI, 1 VGA, 1 TV
Display	1 / 4 / 8 / 9 / 16	1 / 4 / 8 / 9 / 16 / 25 / 36	1 / 4 / 8 / 9 / 16 / 25 / 36
Privacy Masking	4 rectangular zones (each camera)	4 rectangular zones (each camera)	4 rectangular zones (each camera)
Video / Audio Compression	H.264 / G.711	H.264 / G.711	H.264 / G.711
Recording Rate	Main stream : 1080P / 720P / 960H / D1 / HD1 / 2 CIF / CIF (1 - 25/30fps); Extra stream: CIF / QCIF (1 - 25/30fps)	Main stream : 1080P (1 15fps) / 720P / 960H / D1 / HD1 / 2 CIF / CIF (1 - 25/30fps); Extra stream: CIF / QCIF (1 - 25/30fps)	Main stream : 720P / 960H / D1 / HD1 / 2 CIF / CIF (1 - 25/30fps); Extra stream: CIF / QCIF (1 - 25/30fps)
Bit Rate	48 - 6144 Kb /s	48 - 4096 Kb /s	48 - 4096 Kb /s
Recording Mode	Manual, Schedule (Regular (Continuous), MD, Alarm), Stop	Manual, Schedule (Regular (Continuous), MD, Alarm), Stop	Manual, Schedule (Regular (Continuous), MD), Stop
Recording Interval	1- 60 min (default: 60 m in), Pre-record: 1-30 sec, Post-record: 10-300 sec	1- 60 min (default: 60 m in), Pre-record: 1-30 sec, Post-record: 10-300 sec	1- 60 min (default: 60 m in), Pre-record: 1-30 sec, Post-record: 10-300 sec
Trigger Events	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips	Recording, PTZ, Tour, Alarm out, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Video Detection	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured	Motion Detection, MD Zones: 396 (22×18), Video Loss & Camera Obscured
Alarm Inputs	16 inputs	16 inputs	16 inputs
Audio in/out	2-way	2-way	2-way
Relay Outputs	6 outputs	6 outputs	6 outputs
Backup Mode	USB Device / eSATA Device / Network	USB Device / eSATA Device / Network	USB Device / eSATA Device / Network
Ethernet	2 RJ-45 ports (10/100M/1000M)	RJ-45 ports (10/100M/1000M)	2 RJ-45 ports (10/100M/1000M)
Internal HDD	8 SATA ports (8HDDs or 6HDDs + 1 CD/DVD-RW), up to 48TB	4 SATA ports (4HDDs or 3HDDs + 1 CD/DVD-RW), up to 24TB	8 SATA ports (8HDDs or 6HDDs + 1 CD/DVD-RW), up to 48TB
Power Supply	AC 100 - 240V, 50/60Hz, 40W (without HDD)	AC 100 - 240V, 50/60Hz, 40W (without HDD)	AC 100 - 240V, 50/60Hz, 40W (without HDD)
Operating Environment	-10°C to +55°C / 10% to 90% RH / 86 to 106kpa	-10°C to +55°C / 10% to 90% RH / 86 to 106kpa	-10°C to +55°C / 10% to 90% RH / 86 to 106kpa
Dimensions (W x D x H)	2U 440mm × 460mm × 89mm	1.5U 440mm × 416mm × 68mm	2U 440mm × 460mm × 89mm

HDCVI

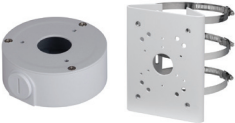
ENTERPRISE HIGH-DEFINITION HDCVI TRIBRID DVR

ACCESSORIES

INSD02IRCPTZ	INSX64FB	INSX114 & INSX300	INSX150	INSX151	INSX140	INSX114 & INSPARA
						
	Wall - Included	Ceiling	Pole	Corner	Power Box	Parapet

INSD06IRHEM	INSX132	INSX100 & INSX302	INSX100 & INSX302 & INSX152		INSX100 & INSX300
					
	Junction Box	Wall	Pole		Ceiling

INSD04KIRF	INSX136	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

INSB02IRF	INSX134	INSX134 & INSX150
		
	Junction Box	Pole

INSD02IRF	INSX136	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

ACCESSORIES

INSD02IRV	INSX137	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

INSD02IRWF	INSX136	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

INSD02PTZ30X	INSX69F	INSX111	INSX111 & INSX300	INSX150	INSX151
					
	Wall - Included	Adapter - Included	Ceiling	Pole	Corner

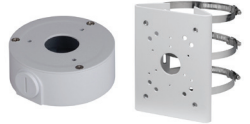
INSB02IRWA	INSX135	INSX135 & INSX150
		
	Junction Box	Pole

INSD01IRCV	INSX137	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

ACCESSORIES

INSD04IRWA	INSX138	INSX101 & INSX302	INSX101 & INSX302 & INSX152	INSX101 & INSX300
				
	Junction Box	Wall	Pole	Ceiling

INSB024IRCA	INSX135	INSX135 & INSX150
		
	Junction Box	Pole

INSB024IRCF	INSX134	INSX134 & INSX150
		
	Junction Box	Pole

INSD01IRCF	INSX136	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

INSD02PTZ4X	INSX137	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

ACCESSORIES

INSWD02IRWF	INSX139	INSX204	INSX152
			
	Junction Box	Wall	Pole

INSO24IRCF	INSX136	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

INSEB02IRF	INSX136	INSX203	INSX203 & INSX152
			
	Junction Box	Wall	Pole

INSB04KIRF	INSX121	INSX121 & INSX152
		
	Junction Box	Pole

INSEB024IRCF	INSX121	INSX152
		
	Junction Box	Pole

ACCESSORIES



Model	INSX64FB	INSX69F	INSX100	INSX101	INSX111	INSX121
Description	Wall Mount	Wall Mount	Adapter	Mount	Mount Adapter	Junction Box
Compatible With Models	INSD02IRCPTZ	INSD02PTZ30X	INSD06IRHEM, INSD012IRHEM	INSD04IRWA	INSD02PTZ30X	INSB04KIRF, INSEB024IRCF



Model	INSX132	INSX134	INSX135	INSX136	INSX137	INSX138	INSX139
Description	Junction Box	Junction Box	Junction Box	Junction Box	Junction Box	Junction Box	Junction Box
Compatible With Models	INSD06IRHEM, INSD012IRHEM	INSB02IRF, INSB03IRF, INSB024IRCF	INSB02IRWA, INSB024IRCA	INSD04KIRF, INSD02IRF, INSD03IRF, INSD02IRWF, INSD04IRWF, INSD01IRCF, INSD024IRCF	INSD02IRV, INSD03IRV, INSD02IRWA, INSD03IRA, INSD02PTZ4X, INSD01IRCV, INSD02IRCV, INSD024IRCA	INSD04IRWA	INSWD02IRWF, INSWD04IRWF



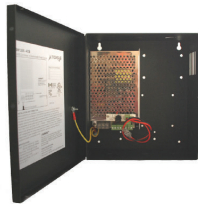
Model	INSX150	INSX151	INSX152	INSX203	INSX204	INSX300	INSX302
Description	Pole	Corner	Pole	Wall	Wall	Ceiling Mount	Wall
Compatible With Models	INSB02IRF, INSB03IRF, INSB02IRWA, INSD02PTZ30X, INSD02IRCPTZ, INSB024IRCF, INSB024IRCA	INSD02PTZ30X, INSD02IRCPTZ	INSD04KIRF, INSD06IRHEM, INSD012IRHEM, INSD02IRF, INSD03IRF, INSD02IRWF, INSD02IRV, INSD03IR, INSD02IRWA, INSD01IRCF, INSD01IRCV	INSD01IRCV, INSD02IRCV, INSD04KIRF, INSD02IRF, INSD02IRWF, INSD01IRCF, INSD02PTZ4X, INSD024IRCF, INSEB02IRF	INSWD02IRWF, INSWD04IRWF	INSD06IRHEM, INSD012IRHEM, INSD02PTZ30X, INSD02IRCPTZ	INSD04IRWA, INSD06IRHEM, INSD012IRHEM

ACCESSORIES HDCVI



Model	INSXBALUN	INSXBALUN10
Description	HDCVI BALUN 1 PAIR	HDCVI BALUN 10 PAIRS
Features	Category Type: UTP CAT 5E/6 Resolution: 720P/ 1080P Transmission Signal: 1 channel Compatible Format: HDCVI Dimension: 53mm x 20mm x 17mm Coax: BNC-M	Category Type: UTP CAT 5E/6 Resolution: 720P/ 1080P Transmission Signal: 1 channel Compatible Format: HDCVI Dimension: 53mm x 20mm x 17mm Coax: BNC-M

12VDC POWER SUPPLIES



Model	SW1205-4CB	SW1205-8CB	SW1210-8CB	SW1210-16CB
Power output	120VAC input into 12VDC at 5.5 amps of continuous supply current	120VAC input into 12VDC at 5.5 amps of continuous supply current	120VAC input into 12VDC at 11 amps of continuous supply current	120VAC input into 12VDC at 11 amps of continuous supply current
Outputs	4 separate outputs	8 separate outputs	8 separate outputs	16 separate outputs
Features	Designed for quick installation Individually protected, electronically fused outputs Built in battery backup/charger on selected models Short circuit isolation technology for uninterrupted operation Class 2, Power limited outputs Removable output terminal blocks for quick installation Diagnostic LEDs for quick troubleshooting Automatic switch over to stand-by battery AC line cord included Lifetime warranty	Designed for quick installation Individually protected, electronically fused outputs Built in battery backup/charger on selected models Short circuit isolation technology for uninterrupted operation Class 2, Power limited outputs Removable output terminal blocks for quick installation Diagnostic LEDs for quick troubleshooting Automatic switch over to stand-by battery AC line cord included Lifetime warranty	Designed for quick installation Individually protected, electronically fused outputs Built in battery backup/charger on selected models Short circuit isolation technology for uninterrupted operation Class 2, Power limited outputs Removable output terminal blocks for quick installation Diagnostic LEDs for quick troubleshooting Automatic switch over to stand-by battery AC line cord included Lifetime warranty	Designed for quick installation Individually protected, electronically fused outputs Built in battery backup/charger on selected models Short circuit isolation technology for uninterrupted operation Class 2, Power limited outputs Removable output terminal blocks for quick installation Diagnostic LEDs for quick troubleshooting Automatic switch over to stand-by battery AC line cord included Lifetime warranty

IN-41POE

4 - Port PoE Switch with Gigabit Uplink

Features

- Layer 2 industrial PoE switch
- Supports IEEE802.3af, IEEE802.3at standards
- Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards
- Industrial design supporting a wide temperature range



Model	IN-41POE
Ethernet port	1*100/1000 Base-X (SFP) 1*10/100/1000 Base-T 4*10/100 Base -T(PoE power supplied)
PoE power consumption	Each port ≤ 30W, total power budget ≤ 60W
PoE protocol	IEEE802.3af, IEEE802.3at
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	By default: 53VDC power adapter
Operating Temperature	- 30°C to +65°C
Weight	480g
Dimension (L x W x H)	150mm × 100mm × 30mm
Mount	DIN-RAIL

IN-81POE

8 - Port PoE Switch with Gigabit Uplink

Features

- Layer 2 industrial PoE switch
- Supports IEEE802.3af, IEEE802.3at standards
- Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards
- Industrial design supporting a wide temperature range



Model	IN-81POE
Ethernet port	1*100/1000 Base-X (SFP) 1*10/100/1000 Base-T 8*10/100 Base -T(PoE power supplied)
PoE power consumption	Each port ≤ 30W, total power budget ≤ 60W
PoE protocol	IEEE802.3af, IEEE802.3at
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	By default: 53VDC power adapter
Operating Temperature	- 30°C to +65°C
Weight	540g
Dimension (L x W x H)	150mm × 100mm × 42mm
Mount	DIN-RAIL

IN-882POE

8 - Port 10M/100M PoE+ and 2 Combo Gigabit UTP port/SFP Fast Ethernet Switch

Features

- 19" Rack-Mount
- IEEE 802.3at
- Internal Power Supply



Model	IN-882POE
Ethernet port	8-port PoE+ 2 Gigabit Combo Ports RJ45/SFP
PoE power consumption	30 W Max Per Port 8 Ports at Full 30 W Output Supported; 260W power budget
PoE protocol	IEEE 802.3at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow control
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	100-240V/AC, 50-60Hz
Operating Temperature	0 to 45°C
Weight	3.8 kg
Dimension (L x W x H)	440 × 220 × 44 mm
Mount	1U rackmount with adapters

SWITCHES

PoE UNMANAGED SWITCHES

IN-162POEWM

16 - Port PoE Switch with Gigabit Uplink

Features

- Two-Layer 2 PoE switch with network management
- Supports IEEE802.3af, IEEE802.3at standards
- Conforms to IEEE802.3, IEEE802.3u, IEEE 802.3ab/z and IEEE802.3X standards
- Supports one-key recovery of IP address & user password



Model	IN-162POEWM
Ethernet port	2*10/100/1000 Base-T 16*10/100 Base -T (PoE power supplied)
PoE power consumption	Each port ≤ 30W, total power budget ≤ 250W
PoE protocol	IEEE802.3af, IEEE802.3at
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	100 - 240V CA
Operating Temperature	- 10°C to +55°C
Weight	2.69 kg
Dimension (L x W x H)	442mm × 124mm × 44.5mm
Mount	Rackmount with adapters

IN-242POEWM

24 - Port PoE Switch with Gigabit Uplink

Features

- Two-layer network management PoE switch
- Supports IEEE802.3af, IEEE802.3at standards
- Supports spanning tree protocol STP/RSTP
- Conforms to IEEE802.3, IEEE802.3u, IEEE802.3ab/z and IEEE802.3X standards
- Supports one-key recovery of IP address & user password



Model	IN-242POEWM
Ethernet port	2*10/100/1000 Base-T 24*10/100 Base -T (PoE power supplied)
PoE power consumption	Each port ≤ 30W, total power budget ≤ 370W
PoE protocol	IEEE802.3af, IEEE802.3at
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	100 - 240V CA
Operating Temperature	- 10°C to +55°C
Weight	2.79 kg
Dimension (L x W x H)	442mm × 124mm × 44.5mm
Mount	Rackmount with adapters

IN-16POEGWM

16-port 10/100/1000M + 4 SFP Rack-Mount Gigabit Web Smart Ethernet Switch

Features

- 16-Port 10/100/1000M IEEE 802.3 af/at complaint PSE, 4 SFP Open Slots
- Full Gigabit solution
- Supports up to 30 Watts per channel (13 ports)
- 2 Ports uplink gigabit copper with 2 SFP Open Slots
- Enterprise-Class Web-based Management
- 2 Ports gigabit copper with 2 SFP Open Slots
- IEEE 802.1Q VLAN Tagging
- Link Aggregation and Spanning Tree
- Auto-MDI/MDI-X
- Auto-Negotiation
- Rack-Mount to 19" Cabinet
- 19" Metal Case
- 2 Year Warranty



Model	IN-16POEGWM
Ethernet port	10BaseT Cat. 3, 4, 5 UTP/STP, 100BaseTX Cat. 5 UTP/STP, 1000BaseTX Cat. 5E UTP/STP
PoE power consumption	390 Watts Maximum
PoE protocol	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX, IEEE 802.3 Flow Control, IEEE 802.3af POE, IEEE 802.3at POE, IEEE 802.1x Port-based Network Access Control, IEEE 802.1Q VLAN, IEEE 802.3ad Link Aggregation, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol, IEEE 802.1p Class of Service, Priority Protocols
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	100-240V/AC, 50-60Hz
Operating Temperature	0 to 45°C
Weight	4.1 kg
Dimension (L x W x H)	440 x 330 x 44 mm
Mount	Rackmount with adapters

IN-24POEGWM

24-Port Gigabit PoE + 4 Combo SFP Rack-mount Gigabit Web Smart Ethernet Switch

Features

- 24-Port 10/100/1000M IEEE 802.3 af/at complaint PSE, 4 SFP Open Slots
- Full Gigabit solution
- Supports up to 30 Watts per channel (13 ports)
- 2 Ports uplink gigabit copper with 2 SFP Open Slots
- Enterprise-Class Web-based Management
- 2 Ports gigabit copper with 2 SFP Open Slots
- IEEE 802.1Q VLAN Tagging
- Link Aggregation and Spanning Tree
- Auto-MDI/MDI-X
- Auto-Negotiation
- Rack-Mount to 19" Cabinet
- 19" Metal Case
- 2 Year Warranty



Model	IN-24POEGWM
Ethernet port	10BaseT Cat. 3, 4, 5 UTP/STP, 100BaseTX Cat. 5 UTP/STP, 1000BaseT Cat. 5E UTP/STP
PoE power consumption	390 Watts Maximum
PoE protocol	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX, IEEE 802.3x Full-duplex and Flow Control, IEEE 802.1Q VLAN, IEEE 802.1p QoS / Class of Service, Priority Protocols, IEEE802.3 Nway Auto-negotiation, IEEE802.3af Power over Ethernet
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	90-260V/AC, 50-60Hz
Operating Temperature	0 to 45°C
Weight	1.4 kg
Dimension (L x W x H)	440 x 332 x 44 mm
Mount	Rackmount with adapters

SWITCHES

PoE MANAGED SWITCHES

IN-7026VM

24-Port 10/100/1000Base-T PoE + 2 Gigabit SFP Layer 2+ Management Current Sharing PoE Switch

Features

- 24 10/100/1000Base-T PoE + 2 Gigabit SFP
- 500W Total power consumption
- IEEE 802.3at PoE, Maximum 30W per port
- Layer 2+ Full Managed Software Features
- 4K VLAN, 8 queues QoS, Advanced VLANs
- MSTP, LACP, LLDP, sFlow, 802.1X, TACAS+, ACL
- IPv4/v6 dual protocol



Model	IN-7026VM
Ethernet port	10/100/1000Base with RJ-45 Connectors: 24 port 100/1000Base-X SFP: 2
PoE power consumption	500 Watts (Max)
PoE protocol	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX, IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX/LX, IEEE 802.3az EEE, IEEE 802.3at PoE+ IEEE 802.3x Flow Control, IEEE 802.1Q VLAN IEEE 802.1p Class of Service, Priority Protocols IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol, IEEE 802.1s Multiple Spanning Tree Protocol, IEEE 802.3ad Link Aggregation Control Protocol (LACP), IEEE802.1v Protocol VLAN IEEE 802.1AB LLDP (Link Layer Discovery Protocol) IEEE 802.1x Port-based Network Access Control
Exchange mode	Store & forward
Operating Humidity	5%-90% (no condensing)
Power	100-240V/AC
Operating Temperature	0 to 40°C
Weight	4.7 kg
Dimension (L x W x H)	440 x 330 x 45 mm
Mount	Rackmount with adapters

SWITCHES

PoE MANAGED SWITCHES

IN-4008G

8-Port Desktop Gigabit Ethernet Switch

Features

- 8-Port 10M/100M/1000M
- Desktop Gigabit Switch
- 9" Metal Case
- Rack-mountable
- No Fan
- Auto-MDI/MDI-X
- Auto-Negotiation
- Non-Blocking
- Internal Power Supply



Model	IN-4008G
Ethernet port	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
PoE power consumption	10 Watts Maximum
PoE protocol	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3x Flow Control
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	100-240V/AC, 50-60Hz
Operating Temperature	0 to 45°C
Weight	0,92 kg
Dimension (L x W x H)	124 x 228 x 44 mm
Mount	Rackmount with adapters

IN-4016G

16-Port 10M/100M/1000M Desktop Fast Ethernet Switch

Features

- 9" Metal Case
- Rack-mountable
- No Fan
- Auto-MDI/MDI-X
- 10/100/1000Mbps
- Auto-Negotiation
- Non-Blocking
- Internal Power Supply



Model	IN-4016G
Ethernet port	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
PoE power consumption	9.2 Watts Maximum
PoE protocol	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	100-240V/AC, 50-60Hz
Operating Temperature	0 to 45°C
Weight	1.4 kg
Dimension (L x W x H)	123 x 228 x 44 mm
Mount	Rackmount with adapters

SWITCHES

GIGABIT SWITCHES (NON PoE)

IN-4024G

24-Port 10M/100M/1000M Desktop Fast Ethernet Switch

Features

- 9" Metal Case
- Rack-mountable
- No Fan
- Auto-MDI/MDI-X
- 10/100/1000Mbps
- Auto-Negotiation
- Non-Blocking
- Internal Power Supply



Model	IN-4024G
Ethernet port	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
PoE power consumption	12 Watts Maximum
PoE protocol	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
Exchange mode	Store & forward
Operating Humidity	10%-90% (no condensing)
Power	100-240V/AC, 50-60Hz
Operating Temperature	0 to 45°C
Weight	1.7 kg
Dimension (L x W x H)	160 x 266 x 44 mm
Mount	Rackmount with adapters

SWITCHES

GIGABIT SWITCHES (NON PoE)

IN-PS201G

1-port Gigabit IEEE 802.3at PoE+ Injector

Features

- 1 x Ethernet Input Port (Data Only)
- 1 x Ethernet Output Port (Data + Power)
- Compliant with IEEE 802.3at/af
- Smart Plug and Play
- 10/100/1000Mbps
- Supplies 30 watt PoE+ power



Model	INPS201G
PoE power consumption	35 Watts Maximum
PoE protocol	IEEE 802.3af IEEE 802.3at IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT
Operating Humidity	10%-90% (no condensing)
Power	48V/DC
Operating Temperature	0°C to + 40°C
Weight	280g
Dimension (L x W x H)	102mm x 75mm x 23mm

TWIST2-IP

PoE EoC Solution 10/100Mbps 300m

Features

- 1 full-duplex VDSL links via RJ-11 connector
- Selectable CO and CPE mode
- Selectable fast and interleaved mode
- Selectable target SNR margin
- Compliant with ETSI, ITU and ANSI standards
- Plug & Play



Model	TWIST2-IP
Ethernet port	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
PoE protocol	IEEE802.3 10Base-T IEEE802.3u 100Base-TX IEEE802.3x Full Duplex ETSI ITU ANSI Full ITU-T G.993.1 (VDSL) compatible
Operating Humidity	10%-90% (no condensing)
Power	DC 5V/2A
Operating Temperature	- 20°C to + 90°C
Weight	280g
Dimension (L x W x H)	102mm x 75mm x 23mm

COAX2IPOE

PoE EoC Solution 10/100Mbps 300m

Features

- Use with coaxial cable to transmit power and data
- Conforms to IEEE802.3i 10Base-T and IEEE802.3 low control
- LED indicator to display the current status
- Plug and play, no configuration required
- Used in pairs



Model	COAX2IPOE
PoE protocol	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3af
Operating Humidity	10%-90% (no condensing)
Power	48V/DC
Operating Temperature	- 10°C to + 50°C
Weight	450g
Dimension (L x W x H)	118mm x 85mm x 29mm

IN-MGL SFP SERIES

1000BaseSX/LX SFP Modules

Features

- Duplex LC Connector
- Hot Pluggable
- Class 1 Laser Product
- Industry standard
- Single 3.3V power supply
- Cable Type: 62.5um MMF: 220 m; 50um
- MMF: 550 m; 9/10um SMF: 10km
- 2 Year Warranty



Models	IN-MGL SFP Series (PFA 101, PFA 302S, PFA 152)
Maximum Distance	IN-MGLC: 220/500m, IN-MGLC10: 1km, IN-MGLC20BB: 20km, IN-MGLC20BB: 20km, IN-MGLC40: 40km
Mode	Multi or Single
Frequency	IEEE 802.3z 1000BaseSX/LX Gigabit Ethernet Standards

SWITCHES

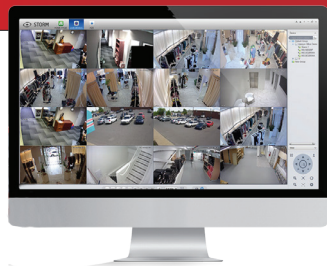
SFP (FIBER OPTIC) MODULES

VIDEO SOFTWARE

STORM PSS

Storm Professional Surveillance System

Open, Free, Intelligent,
Make your Security Surveillance
System Easy-to-Use

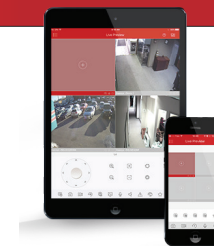


Devices & Users	Supported Devices	DVR, NVR, IPC, NVS, Video Wall Controller, NKB, VDP, TPC
	Max. Management Devices	256
	Max. Management Channels	2000
	Max. Number of Users	50
Video	Compression Format	H.265 / H.264 / MPEG-4 / JPEG
	Display Resolution	Up to 4000 x 3000
Live Preview	Video Display Split	1/4/6/8/9/16/25/36 or customized split for Mac, up to 64 for Windows
	Max. Preview Screen	4
	Max. Views	256
	Features	Snapshot, E-PTZ, Audio, Record, Talk, Instant Playback, Tour task, View, Fisheye Dewarp, IVS, Stream Control, Optional Video Scale, Panorama PTZ
Playback	Max. Channels	36
	Max. Task of Export	10 once
	Features	Snapshot, E-PTZ, Audio, Speed 1/8x-8x, Synchronization Playback, POS, Fisheye Dewarp, Faster/Slower Play, Optional Video Scale
Recording	PC-NVR	32 Channels
System	Language	English, Korean, Russian, Spanish, Portuguese, Danish, German, Japanese, Traditional Chinese, Italian, French, Polish, Dutch, Thai, Vietnamese
Minimum System Requirements	OS	Windows XP/Vista/7/8, Mac OSX 10.7 or above
	GPU	Intel® HD Graphics or above
	CPU	Intel® Core™ i3 or above
	Main Memory	2GB or above
	Display Resolution	1024x768 or above

STORM CLOUD APP

Storm Cloud App

Monitor Anything with Your Smart
Phone or Tablet Anytime, Anywhere



Devices	Supported Devices	DVR, NVR, IPC, VDP
	Add Device Method	IP/Domain, SN, Import from Cloud
	Features	Remote config, Alarm config, HDD Info, Share Device List
Video	Compression Format	H.265 / H.264 / MPEG-4 / JPEG
	Display Resolution	Up to 1920 x 1080
Live Preview	Video Display Split	1/4/9/16 split
	Max. Channels Can Be Opened at the Same Time	256
	Features	Snapshot, Record, Instant Playback, PTZ, Unlock, Fisheye Dewarp, Stream Control, Talk, Audio, Alarm, Color, Favorites, Remote Channels
Playback	Max. Channels Can Be Opened When Video Playback	4
	Time Period of Video	24 hours
	Features	Snapshot, Record, Faster/Slower Play, Play Next Frame
	Max. Channels Can Be Opened When Image Playback	1
Alarm Push	Alarm Type	Motion Detect, Camera Masking, Local Alarm, Disk Alarm, Face Detection, IVS Alarm
	Push Type	Record, Preview, Image
Minimum System Requirements	OS	gDMSS: Android 3.0 or above, iDMSS: iOS 6.0 or above
	CPU	1GHZ or above
	RAM	1GHZ or above
	Display Resolution	480x800 or above



STORMTM

by Inaxsys



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